REPORT

STATEMENT ON THE FLAMMABILITY (CONTACT WITH WATER) OF

[redacted]

NOTOX Project 327353
NOTOX Substance 111834

CONFIDENTIALITY STATEMENT

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STATEMENT OF GLP COMPLIANCE

NOTOX B.V., 's-Hertogenbosch, The Netherlands

The study described in this report has been correctly reported and was conducted in compliance with the most recent edition of:

The OECD Principles of Good Laboratory Practice

which are essentially in conformity with:

The United States Food and Drug Administration. Title 21 Code of Federal Regulations Part 58.

The United States Environmental Protection Agency (FIFRA). Title 40 Code of Federal Regulations Part 160.

The United States Environmental Protection Agency (TSCA). Title 40 Code of Federal Regulations Part 792.

Study Director

[redacted]

.....

Date: 19 October 2001

Management

[redacted]

Head of Chemistry

[redacted]

Date: 19/10/2001

QUALITY ASSURANCE STATEMENT

NOTOX B.V., 's-Hertogenbosch, The Netherlands

This report was audited by the NOTOX Quality Assurance Unit to ensure that the methods and results accurately reflect the raw data.

The dates of Quality Assurance inspections and audits are given below.

DATES OF QAU INSPECTIONS/AUDITS	REPORTING DATES
on-site inspection (s)	
04-Sep-2001 to 11-Sep-2001 (process)	13-Sep-2001
protocol inspection (s)	
27-Jul-2001 (study)	27-Jul-2001
report audit (s)	
03-Oct-2001 (study)	03-Oct-2001

Head of Quality Assurance
[redacted].

Date: 19-OCT-2001

PREFACE

Sponsor	[redacted]
Study Monitor	[redacted] rs Affairs Department
Testing Facility	NOTOX B.V. Hambakenwetering 7 5231 DD 's-Hertogenbosch The Netherlands
Study Director	[redacted]
Study Plan	Start : 28 September 2001 Completed : 28 September 2001

TEST SUBSTANCE

Identification	[redacted]
Chemical name	[redacted])
CAS RN	[redacted]
Description	[redacted] liquid
Batch	VRS01048
Purity	Treat as 100% pure
Test substance storage	In refrigerator in the dark
Stability under storage conditions	Not indicated
Expiry date	12 July 2002 (allocated by NOTOX, 1 year after receipt of the test substance)

The sponsor is responsible for all test substance data unless determined by NOTOX.

PURPOSE

The purpose of the study was to evaluate whether the reaction of the test substance with water or damp air leads to the development of dangerous amounts of gas or gases which may be highly flammable.

GUIDELINES

The procedures for the determination of the flammability (contact with water) are described in the following guideline:

European Economic Community (EEC), EEC directive 92/69 EEC, Part A, Methods for the determination of physico-chemical properties, A-12 "Flammability (contact with water), EEC Publication No. L383, December 1992.

ARCHIVING

NOTOX B.V. will archive the following data for at least 10 years:
protocol, report, test substance reference sample and raw data. Thereafter, no data will be withdrawn without the sponsor's written consent.

STATEMENT

Substances which, in contact with water or damp air, evolve highly flammable gases in dangerous quantities at a minimum rate of 1 litre/kg per hour are highly flammable.

Composition of [redacted]:
[redacted]

From the composition of [redacted] can be concluded that the test substance does not contain groups that might lead to evolution of highly flammable gases in dangerous quantities. Furthermore, no metals, transition metals, boron or silicon are present.
A few drops of water were added to the test substance. No evolution of gas was observed.

From this, it can be concluded that the test substance is incapable of developing a dangerous amount of (flammable) gas in contact with air, damp air or water.

CERTIFICATE OF ANALYSIS

[redacted]

Certificate of Analysis

[redacted]

ICS-331

Product name : [redacted]

Chemical name : [redacted]

Batch number : **VRS 01048**

Test results:

Method	Analysis of	Unit	Result *[1]
Col/86.2, [redacted]	[redacted]		
J20010381	[redacted]	% m/m	66.0 (± 1.0)
J20010381	[redacted]	% m/m	2.7 (± 0.3)
Amp/88.9	[redacted]	% m/m	2.8 (± 0.3)
J20010381	Unidentified impurities	% m/m	0.5 (± 0.2)

*[1] bracketed values are estimated 95% confidence intervals

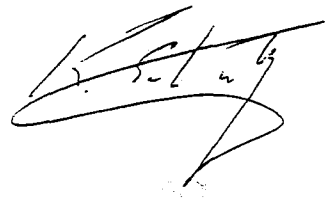
File code : **TNA-2001004**

Analytical documentation : 20010381

Authorized by

Name : [redacted]
Function : Section Head, Analytical Research Department
Date : August 7, 2001

Signature :



[redacted]

[redacted]

Certificate of Analysis [redacted]

[redacted]

structure	% m/m
[redacted]	19.4
[redacted]	7.8
[redacted]	1.7

[redacted]